

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1.-2. (canceled)

3. (currently amended) A SAN/NAS integrated storage system

[[according to claim 1,]] comprising:

a plurality of disks for storing data;

a plurality of controllers for receiving an I/O command from a host computer

and controlling said disks in accordance with the I/O command; and

a network for interconnecting said plurality of controllers;

wherein one of said plurality of controllers has a block interface as an interface to the host computer; and another of said plurality of controllers has a file interface as an interface to the host computer; and

wherein said controller having said file interface comprises:

a file server unit for communicating with the host computer;

a file system for converting a command and data at a file level received from the host computer into a command and data at a block level;

a channel adapter unit having an interface to said network; and

a disk adapter for controlling said disks.

4. (currently amended) A SAN/NAS integrated storage system ~~according to claim 1, further~~ comprising:

a plurality of disks for storing data;

a plurality of controllers for receiving an I/O command from a host computer

and controlling said disks in accordance with the I/O command;

a network for interconnecting said plurality of controllers; and

a control memory connected to said network and shared by said plurality of controllers;

wherein one of said plurality of controllers has a block interface as an interface to the host computer; and another of said plurality of controllers has a file interface as an interface to the host computer.

5. (currently amended) A SAN/NAS integrated storage system
[[according to claim 1,]] comprising:
a plurality of disks for storing data;
a plurality of controllers for receiving an I/O command from a host computer and controlling said disks in accordance with the I/O command; and
a network for interconnecting said plurality of controllers;
wherein one of said plurality of controllers has a block interface as an interface to the host computer; and another of said plurality of controllers has a file interface as an interface to the host computer; and
wherein said controller having said file interface comprises:
a file server unit for communicating with the host computer;
a file system for converting a command and data at a file level received from the host computer into a command and data at a block level; and
a channel adapter unit having an interface to said network,
respectively mounted on a single board.

6. (currently amended) A SAN/NAS integrated storage system
[[according to claim 1,]] comprising:
a plurality of disks for storing data;
a plurality of controllers for receiving an I/O command from a host computer and controlling said disks in accordance with the I/O command; and
a network for interconnecting said plurality of controllers;
wherein one of said plurality of controllers has a block interface as an interface to the host computer; and another of said plurality of controllers has a file interface as an interface to the host computer; and
wherein said controller having said file interface comprises:
a file server unit for communicating with the host computer;

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a file system for converting a command and data at a file level received from the host computer into a command and data at a block level;

a channel adapter unit for receiving the command and the data at the block level issued from said file system; and

a disk adapter for controlling said disks.

7. (currently amended) A SAN/NAS integrated storage system
[[according to claim 1,]] comprising:

a plurality of disks for storing data;

a plurality of controllers for receiving an I/O command from a host computer and controlling said disks in accordance with the I/O command; and

a network for interconnecting said plurality of controllers;

wherein one of said plurality of controllers has a block interface as an interface to the host computer; and another of said plurality of controllers has a file interface as an interface to the host computer;

wherein said controller having said file interface comprises[[:]] a plurality of communication paths between a file server unit for communicating with the host computer and a channel adapter unit for receiving an input/output command and input/output data at a block level[[:]] ; and

wherein the command and the data are transmitted and received via different paths.

8. (currently amended) A SAN/NAS integrated storage system
[[according to claim 1,]] comprising:

a plurality of disks for storing data;

a plurality of controllers for receiving an I/O command from a host computer and controlling said disks in accordance with the I/O command; and

a network for interconnecting said plurality of controllers;

wherein one of said plurality of controllers has a block interface as an interface to the host computer; and another of said plurality of controllers has a file interface as an interface to the host computer;

wherein said controller having said file interface comprises[[:]] a physical communication path between a file server unit for communicating with the host computer and a channel adapter unit for receiving an input/output command and input/output data at a block level[[:]] ; and

wherein said physical communication path is controlled as if a plurality of independent and virtual paths exist, and the command and the data are transmitted and received via different paths.

9. (currently amended) A SAN/NAS integrated storage system
[[according to claim 1,]] comprising:

a plurality of disks for storing data;

a plurality of controllers for receiving an I/O command from a host computer and controlling said disks in accordance with the I/O command; and

a network for interconnecting said plurality of controllers;

wherein one of said plurality of controllers has a block interface as an interface to the host computer; and another of said plurality of controllers has a file interface as an interface to the host computer;

wherein said controller having said file interface comprises[[:]] a physical communication path between a file server unit for communicating with the host computer and a channel adapter unit for receiving an input/output command and input/output data at a block level[[:]] ; and

wherein said physical communication path is controlled as if a plurality of independent and virtual paths exist, and by inserting information specific to a file system into a command, the command and the data are transmitted and received via different paths.

10. (currently amended) A SAN/NAS integrated storage system
[[according to claim 1,]] comprising:

a plurality of disks for storing data;

a plurality of controllers for receiving an I/O command from a host computer and controlling said disks in accordance with the I/O command; and

a network for interconnecting said plurality of controllers;

wherein one of said plurality of controllers has a block interface as an interface to the host computer; and another of said plurality of controllers has a file interface as an interface to the host computer;

wherein said controller having said file interface comprises[[:]] a failure information communication path between a file server unit for communicating with the host computer and a channel adapter unit for receiving an input/output command and input/output data at a block level[[,] ; and

wherein failure information is transmitted to a control memory independently from a communication path for a command and data.

11.-25. (canceled)